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NOTES: UNLESS OTHERWISE SPECIFIED

- 1 AFTER INSTALLATION, APPLY F/N 73 A/R TO FILL GAPS AND FILLET EDGES
2. APPLY F/N 74 TO FAYING SURFACES
- 3 AT CUSTOMERS OPTION, INSTALL F/N 77 BY MATCH DRILLING ONTO F/N 1
- 4 INSTALL FOR 647.1301, 647.1302.
- 5 INSTALL FOR 647.1304, 647.1305.
- 6 APPLICABLE WHEN EUROCOPTER P/N 145-250014.11 IS INSTALLED WITH EUROCOPTER CABLE CUTTER FIXED PROVISIONS.
- 7 APPLICABLE WHEN REPLACING EUROCOPTER P/N 145-250074.11
- 8 INSTALL WITH:
647.1304
647.1305
647.1307
647.1308

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: PR3		N/C
N/C	INITIAL RELEASE	08/05/09	P. BRAVO
A	INCORPORATED ECN 02963, 03020, 03048	01/25/11	P. BRAVO
B	INCORPORATED ECN 03919	07/05/13	P. BRAVO
C	INCORPORATED ECN 04059	08/13/13	P. BRAVO
D	INCORPORATED ECN'S 04485, 045921 & 04976	06/17/15	P. BRAVO

1		1	1		1	1		1	14	647.1817	SUPPORT, RH		
1		1	1		1	1		1	13	647.1912	BRACKET, LH		
1		1	1		1	1		1	12	647.1911	BRACKET, RH		
	8	8		8	8		8	8	11	647.0112	STRUT BRACKET		
							1	1	10	647.2110	LOWER RAIL		
						1		1	9	647.2111	UPPER RAIL		
	1	1		1	1		1	1	8	647.1610	WIPER DEFLECTOR, FWD		
	1	1		1	1		1	1	7	647.1601	WIPER DEFLECTOR ASSY, AFT		
							2	2	6	647.1701	SKID DEFLECTOR ASSY		
1		1	1		1	1		1	5	647.3201	GROUNDING CABLE ASSY		
1		1	1		1	1		1	4	647.2201	CROSS ASSY		
1		1	1		1	1		1	3	647.1602	DOUBLER ASSY		
	1	1		1	1		1	1	2	647.1402	CUTTER ASSY (LOWER)		
							1	1	1	647.1401	CUTTER ASSY (UPPER)		
X										647.1309	EC145 T2 FIXED PROVISIONS KIT		
	X									647.1308	EC145 T2 REMOVABLE PROVISIONS KIT		
		X								647.1307	EC145T2 CABLE CUTTERS KIT		
			X							647.1306	FIXED PROVISIONS KIT U CHANNEL		
				X						647.1305	REMOVABLE PROVISIONS KIT U CHANNEL		
					X					647.1304	EC145 CABLE CUTTERS KIT U CHANNEL COMPATIBLE		
						X				647.1303	FIXED PROVISIONS KIT		
							X			647.1302	REMOVABLE PROVISIONS KIT		
								X		647.1301	EC145 CABLE CUTTERS KIT		
.1309	.1308	.1307	.1306	.1305	.1304	.1303	.1302	.1301	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.


BOM Table(Restructured)

UNDER REVIEW
URF17-782 MB

QTY		PARTS LIST	
NEXT ASSY (S)		ORIGINAL DATE (MO-DA-YR) 07/06/09	3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)724-5300
		DRAWN BY R. ROSANO	CHECKER D. BARKER
		DRAWING APPROVAL P. BRAVO 08/05/09	
		CONTRACT NO.	
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.03 3 PLACE DECIMALS ±.010 ANGLES ±.5°	
		SIZE B	CAGE CODE 07MZ6
		DWG. NO. 647.1300	REV. D
		SCALE NONE	SHEET 1 OF 10

1		2		3		4		5		6		7		8	
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	2	2							89	647.1703	T2 SKID DEFLECTOR ASSY		
	8	8							88	601.3812	LOCK TAB	LN9023A8-1.4544.9	
				2	2				87	647.1702	SKID DEFLECTOR ASSY		
	1	1		1	1				86	647.2113	LOWER RAIL (U CHANNEL KIT)		
	8	8		8	8				85	601.3655	WASHER	LN9025-0820K	
	8	8		8	8				84	601.3654	SCREW	LN9037-08018	
1		1	1		1				83	647.2112	UPPER U CHANNEL		
	8	8		8	8				82	601.3653	WASHER	93475A270	
	4	4		4	4				81	601.3652	LOCKNUT	93625A300	
	4	4		4	4				80	601.3651	SCREW	91292A080	
	1	1		1	1				79	647.1403	CUTTER ASSY (UPPER U CHANNEL)		
	5	5		5	5				78	601.3650	BOLT	AN3-15A	
REF	REF	REF	REF	REF	REF	REF	REF	REF	77	647.5701	GPS MOUNT KIT		
2		2	2		2	2		2	76	601.1954	SCREW	MS27039-1-17	
	2	2		2	2		2	2	75	647.2010	UPPER STRUT		
1	1	1	1	1	1	1	1	1	74	601.2045	RTV	LOCTITE 598	
1	1	1	1	1	1	1	1	1	73	600.1012	SEALANT	PR-1425 CLASS B	
1	1	1	1	1	1	1	1	1	72	600.0991	MAGNOBOND 6398 PART B		
1	1	1	1	1	1	1	1	1	71	600.0990	MAGNOBOND 6398 PART A		
4		4	4		4	4		4	70	601.3012	SCREW	MS27039-1-15	
2		2	2		2	2		2	69	601.3004	CAMLOC STUD		
2		2	2		2	2		2	68	601.3005	CAMLOC RETAINER		
2		2	2		2	2		2	67	601.3006	CAMLOC RECEPTACLE		
3 FT.		3 FT.	3 FT.		3 FT.	3 FT.		3 FT.	66	601.3011	P-SEAL		
1.1 FT.		1.1 FT.	1.1 FT.		1.1 FT.	1.1 FT.		1.1 FT.	65	601.3007	GROMMET	MS21266-2N	
2		2	2		2	2		2	64	601.3008	INSERT	NAS1834C3-300	
12		12	12		12	12		12	63	601.2364	RIVET	CR3213-4-8	
16		16	16		16	16		16	62	601.2468	RIVET	CR3213-4-7	
11		11	11		11	11		11	61	601.2991	RIVET	CR3213-4-6	
2		2	2		2	2		2	60	601.1039	RIVET	CR3213-4-2	
8		8	8		8	8		8	59	601.1183	RIVET	CR3213-4-5	
22		22	22		22	22		22	58	601.0790	RIVET	CR3213-4-3	
8		8	8		8	8		8	57	601.2995	RIVET	CR3213-6-6	
4		4	4		4	4		4	56	601.1915	RIVET	CR3213-4-4	
12		12	12		12	12		12	55	601.2207	NUTPLATE RIVET	CCR264SS-3-03	
4		4	4		4	4		4	54	601.1983	NUTPLATE RIVET	CCR274SS-3-03	
12		12	12		12	12		12	53	601.2980	NUTPLATE RIVET	CCR264SS-3-04	
12		12	12		12	12		12	52	600.0795	NUTPLATE	MS21047-3	
.1309	.1308	.1307	.1306	.1305	.1304	.1303	.1302	.1301	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.

BOM Table(Restructured)

ORIGINAL DATE
(MO-DA-YR) 07/06/09
DRAWN BY
R. ROSANO
CHECKER
D. BARKER
DRAWING APPROVAL
P. BRAVO
07/06/09
CONTRACT NO.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS ±.01
3 PLACE DECIMALS ±.005
ANGLES ±.5°

UNDER REVIEW
URF17-782 MB



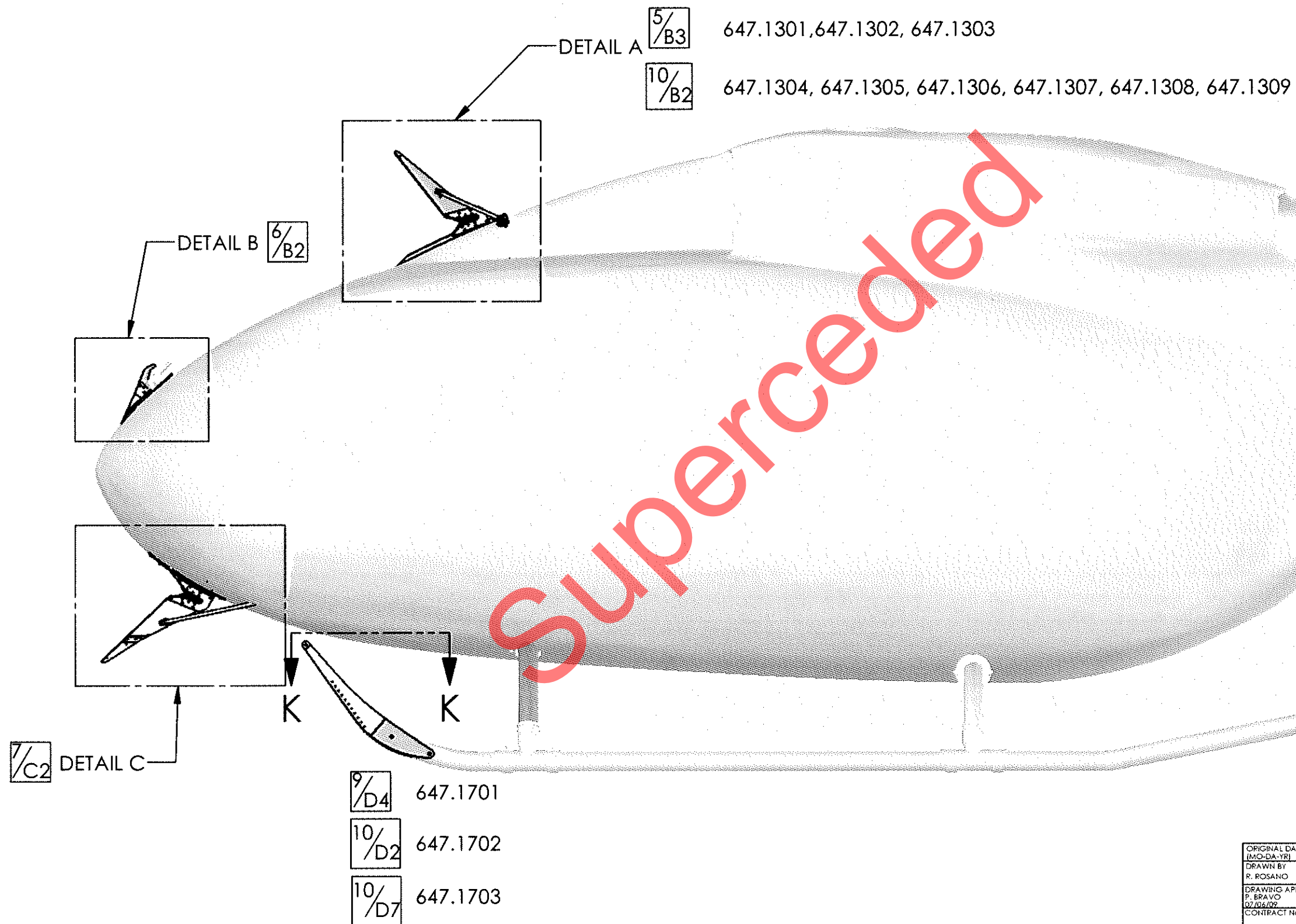
3030 ENTERPRISE CT.,
SUITE A
VISTA, CA. 92081
(760)-724-5300

APICAL INDUSTRIES, INC.
dba DART AEROSPACE

EC145 CABLE CUTTERS KIT

SIZE	CAGE CODE	DWG. NO.	REV.
B	07MZ6	647.1300	D
SCALE NONE		SHEET 3 OF 10	

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UNDER REVIEW
URF17-782 MB

ORIGINAL DATE (MO-DA-YR) 07/06/09		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY R. ROSANO		CHECKER D. BARKER	
DRAWING APPROVAL P. BRAVO 07/06/09		APICAL INDUSTRIES, INC. d/b/a DART AEROSPACE	
CONTRACT NO.		EC145 CABLE CUTTERS KIT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SIZE B	CAGE CODE 07M26
		DWG. NO. 647.1300	REV. D
SCALE NONE		SHEET 4 OF 10	

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SECTION A-A

SECTION B-B

SECTION L-L

DETAIL A 4/B3

DETAIL D 9/B5

UNDER REVIEW

URF17-782 MB

ORIGINAL DATE (MO-DA-YR) 07/06/09	CAGE CODE	DWG. NO.	REV.
DRAWN BY R. ROSANO	CHECKER D. BARKER	647.1300	D
DRAWING APPROVAL P. BRAVO 07/06/09			
CONTRACT NO.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°			
EC145 CABLE CUTTERS KIT			
SCALE NONE			
SHEET 5 OF 10			

UNDER REVIEW
URF17-782 MB

DART 3030 ENTERPRISE CT.,
SUITE A
VISTA, CA. 92081
AEROSPACE (760)-724-5300

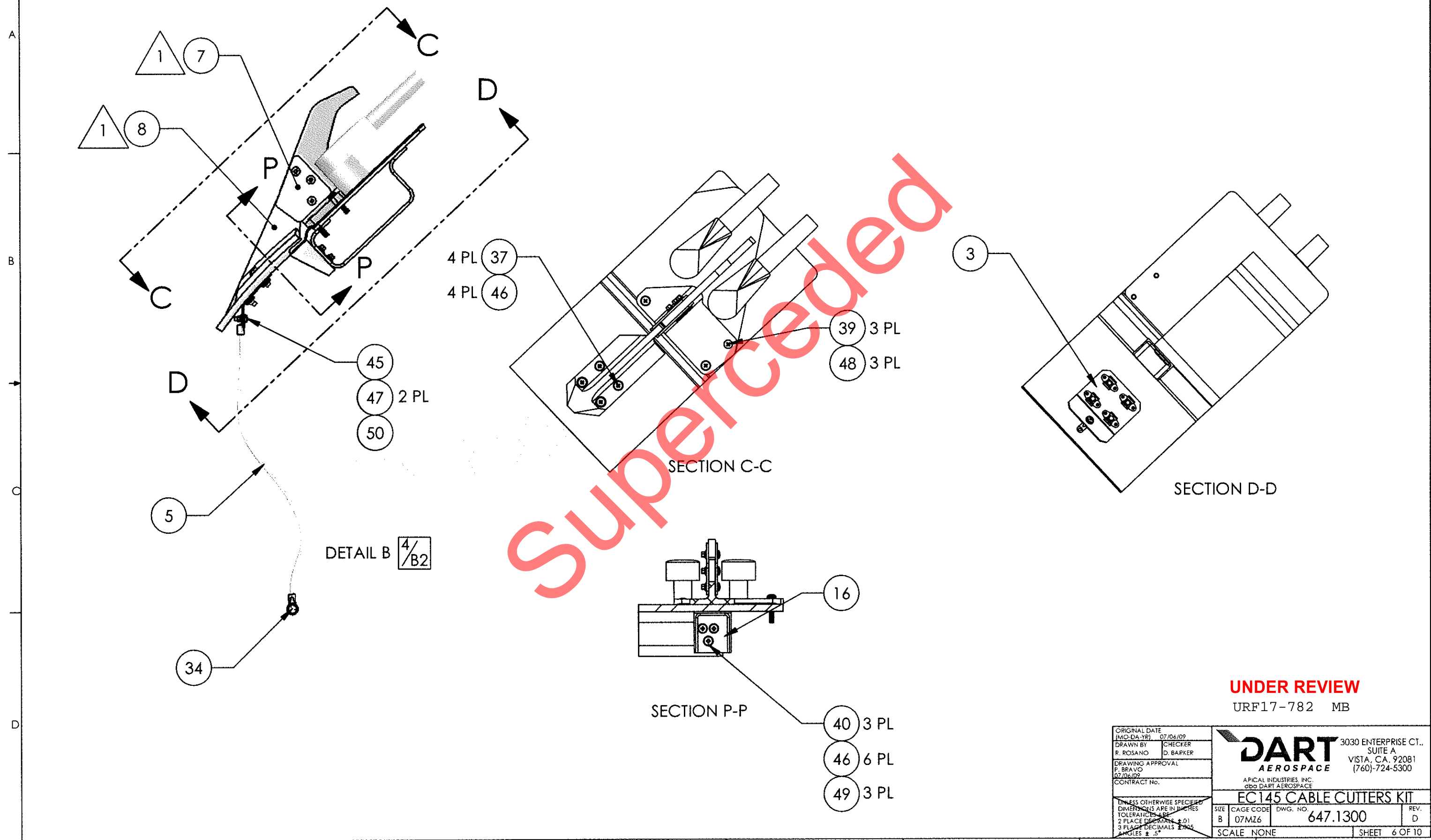
EC145 CABLE CUTTERS KIT

SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.1300	REV. D
SCALE NONE		SHEET 5 OF 10	

ORIGINAL DATE (MO-DA-YR) 07/06/09	
DRAWN BY R. ROSANO	CHECKER D. BARKER
DRAWING APPROVAL P. BRAVO 07/06/09	
CONTRACT No.	

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ANGLES $\pm .5^\circ$

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		SCALE NONE		SHEET 6 OF 10	

DART AEROSPACE 3030 ENTERPRISE CT., SUITE A
VISTA, CA. 92081
(760)-724-5300

EC145 CABLE CUTTERS KIT

1 2 3 4 5 6 7 8

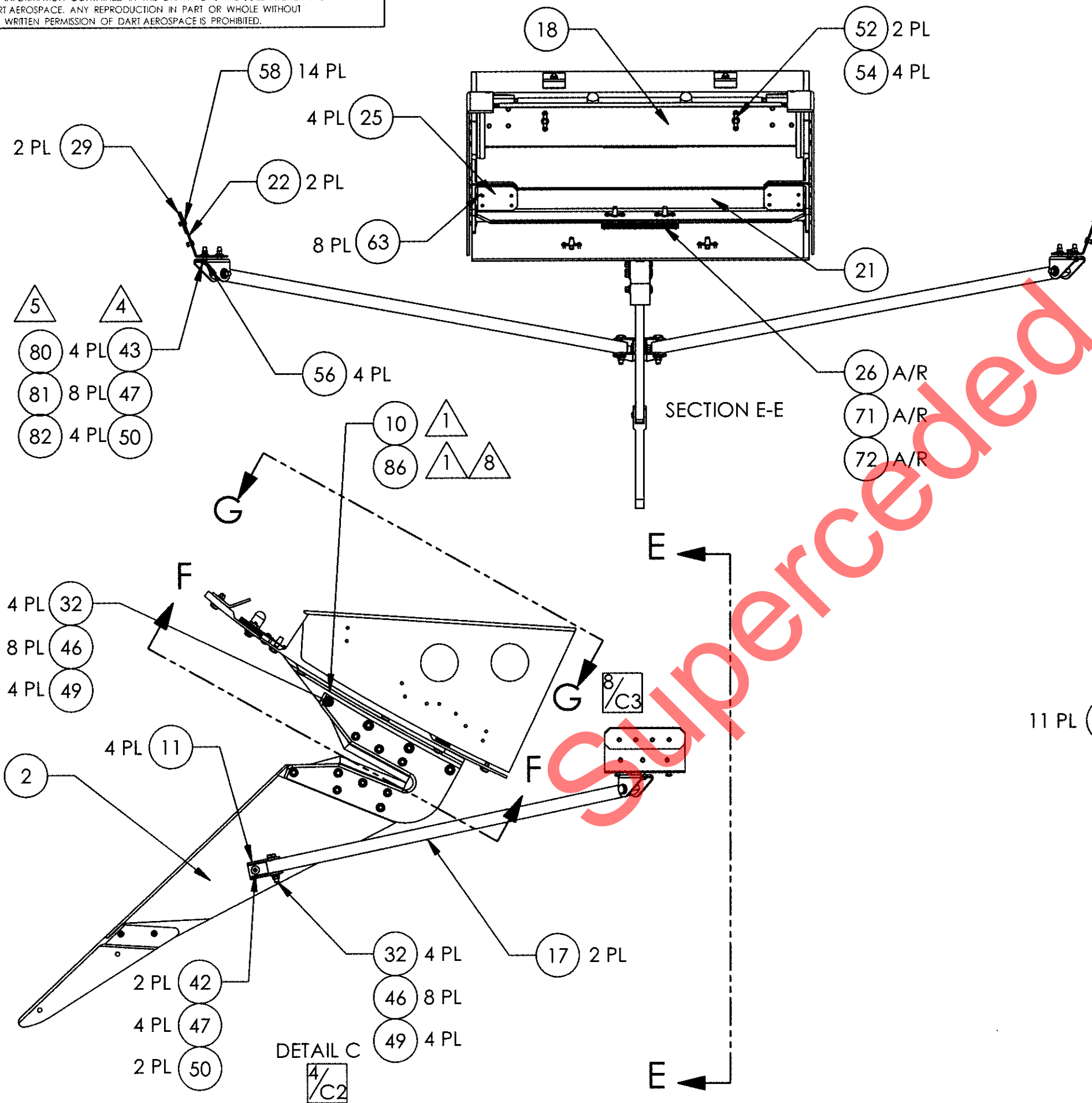
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A

B

C

D



UNDER REVIEW

URF17-782 MB

ORIGINAL DATE (MO-DA-YR) 07/06/09	3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300		
DRAWN BY R. ROSANO	CHECKER D. BARKER	DART AEROSPACE	
DRAWING APPROVAL P. BRAVO 07/06/09		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT NO.		EC145 CABLE CUTTERS KIT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°	SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.1300
SCALE NONE		REV. D	
SHEET 7 OF 10			

1 2 3 4 5 6 7 8

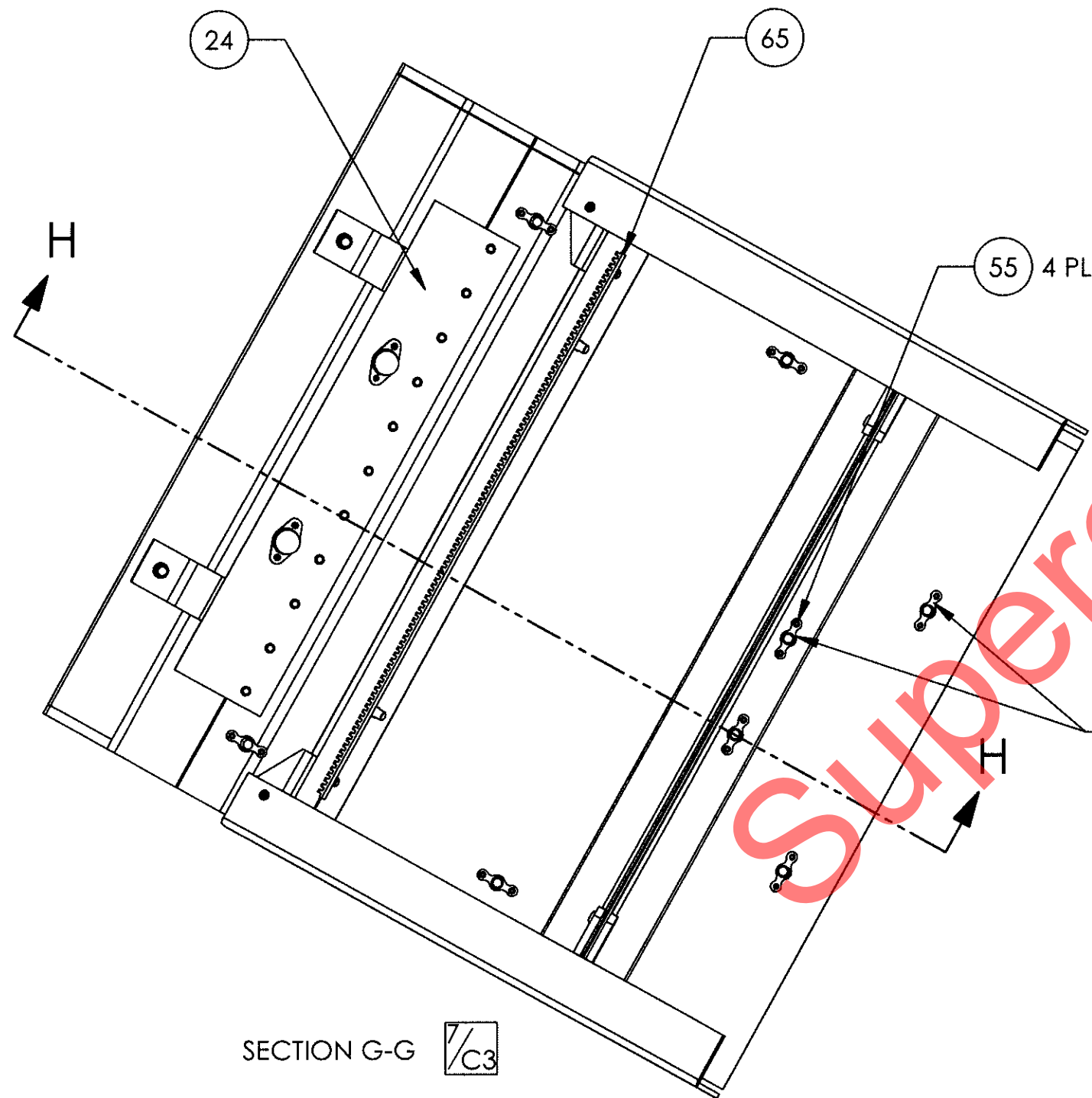
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A

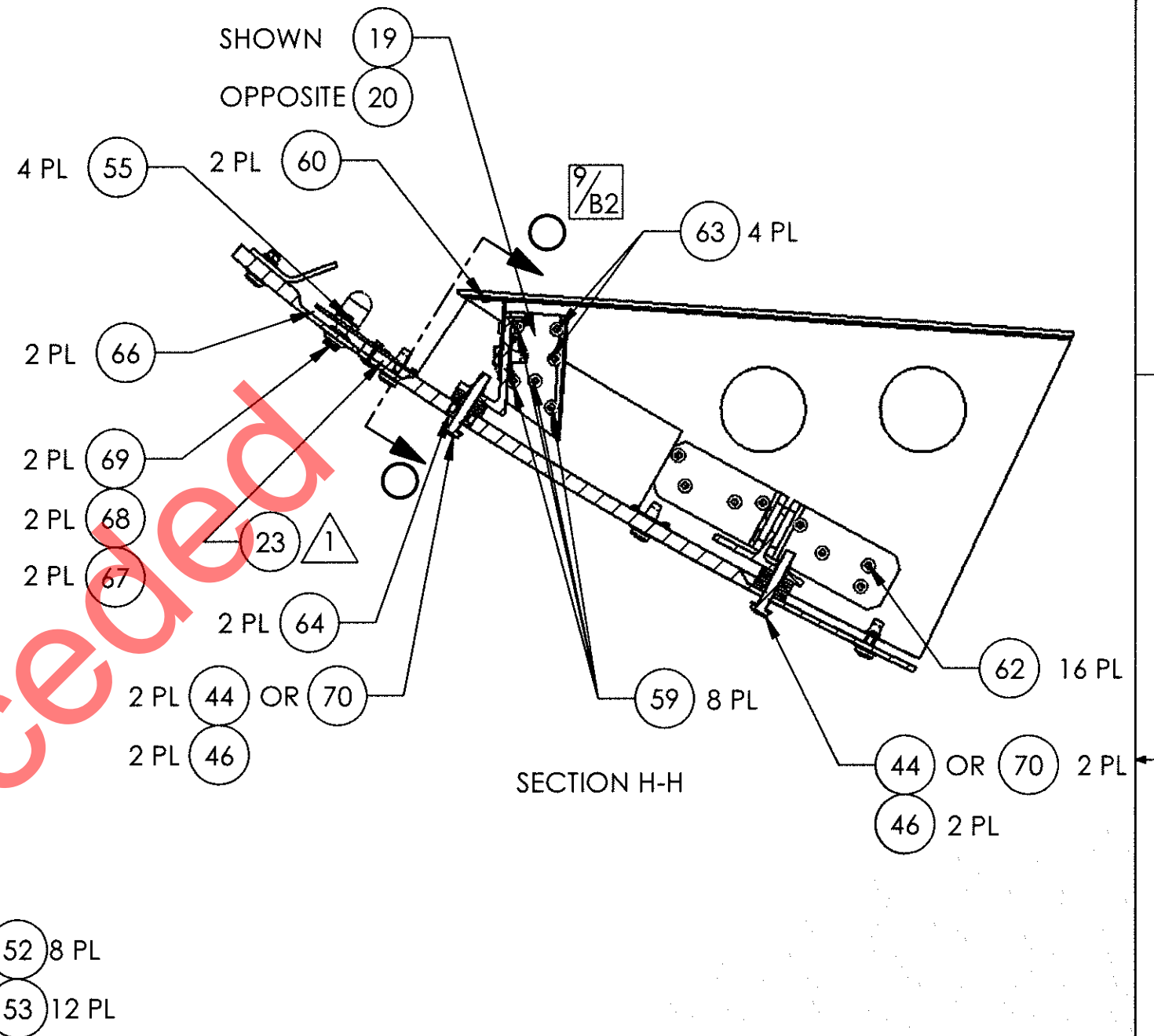
B

C

D



SECTION G-G 7/C3



SECTION H-H 9/B2

UNDER REVIEW
URF17-782 MB

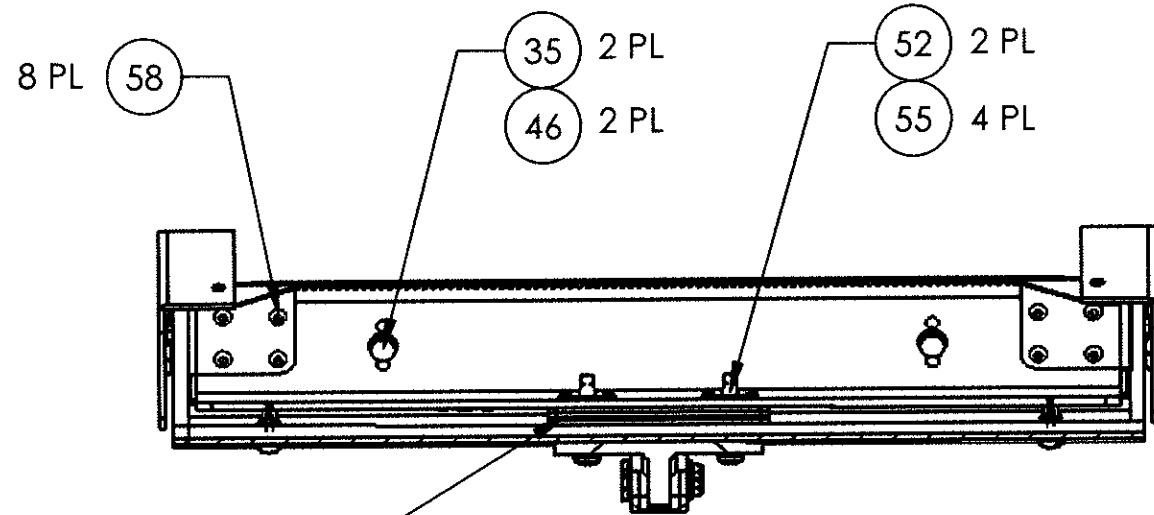
ORIGINAL DATE (MO-DA-YR) 07/06/09	3030 ENTERPRISE CT. SUITE A VISTA, CA. 92081 (760)-724-5300
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SIZE B	CAGE CODE 07M26
DWG. NO. 647.1300	REV. D
SCALE NONE	SHEET 8 OF 10

DART
AEROSPACE

APICAL INDUSTRIES, INC.
dba DART AEROSPACE

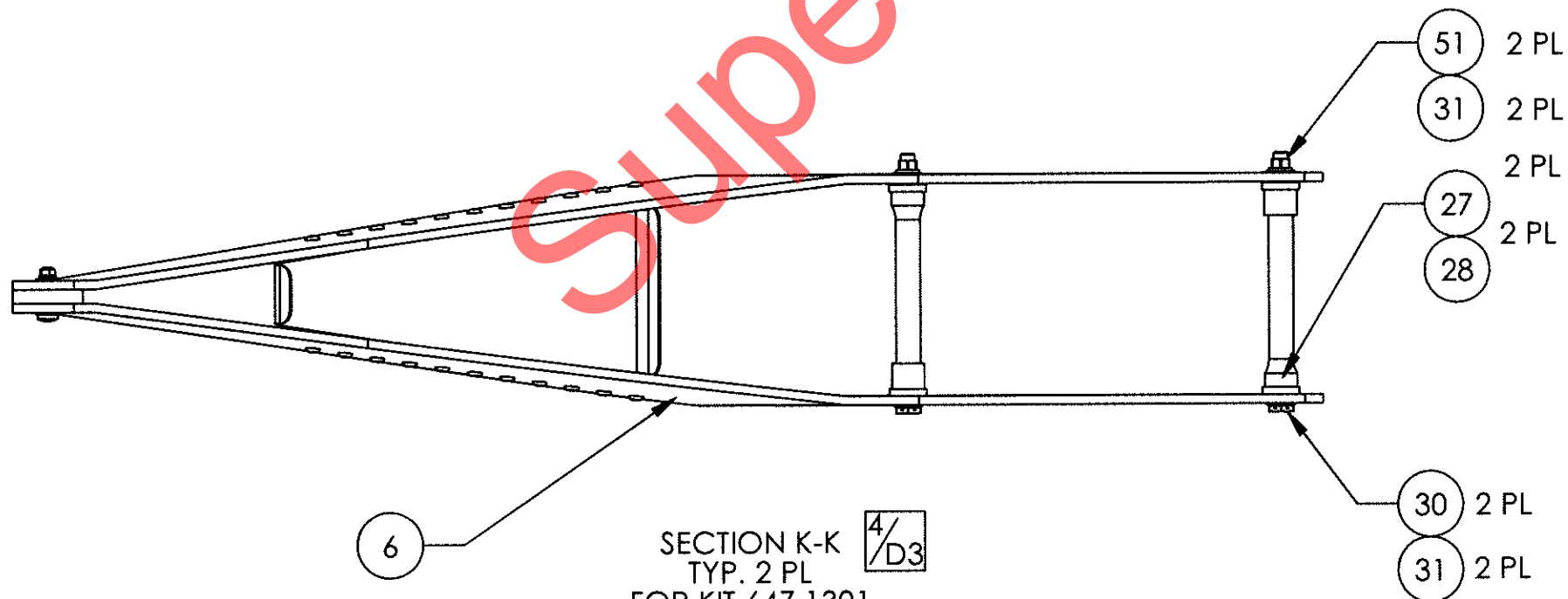
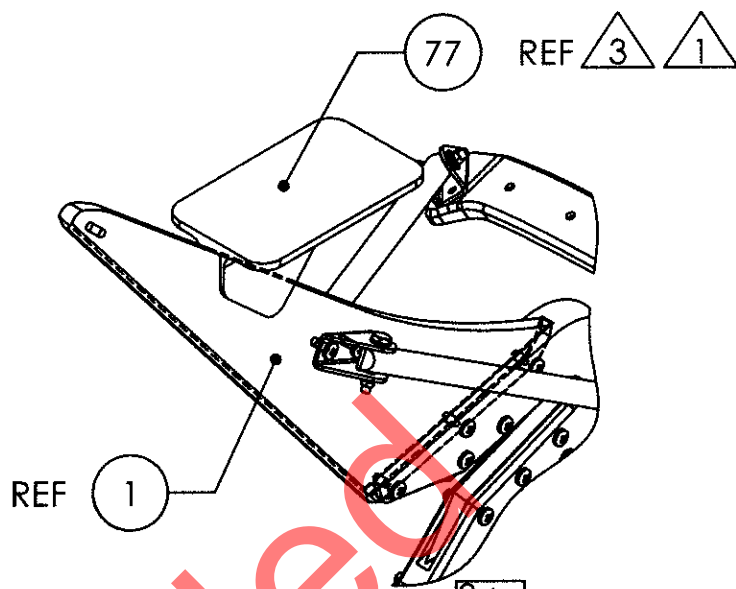
EC145 CABLE CUTTERS KIT

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A/R (26)
A/R (71)
A/R (72)

SECTION O-O $\frac{8}{A6}$

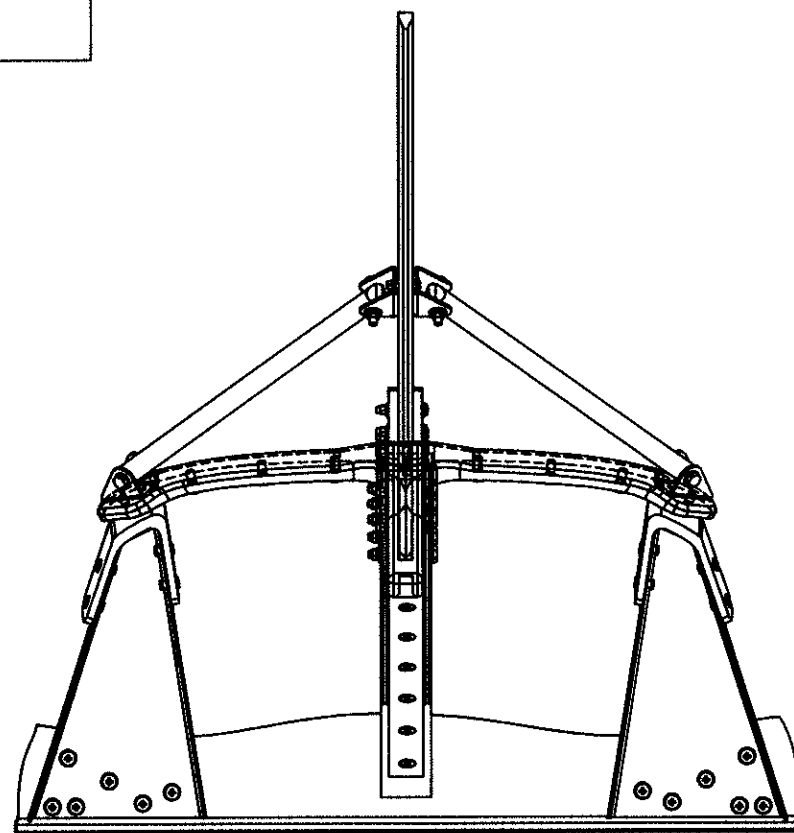


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INBOARD

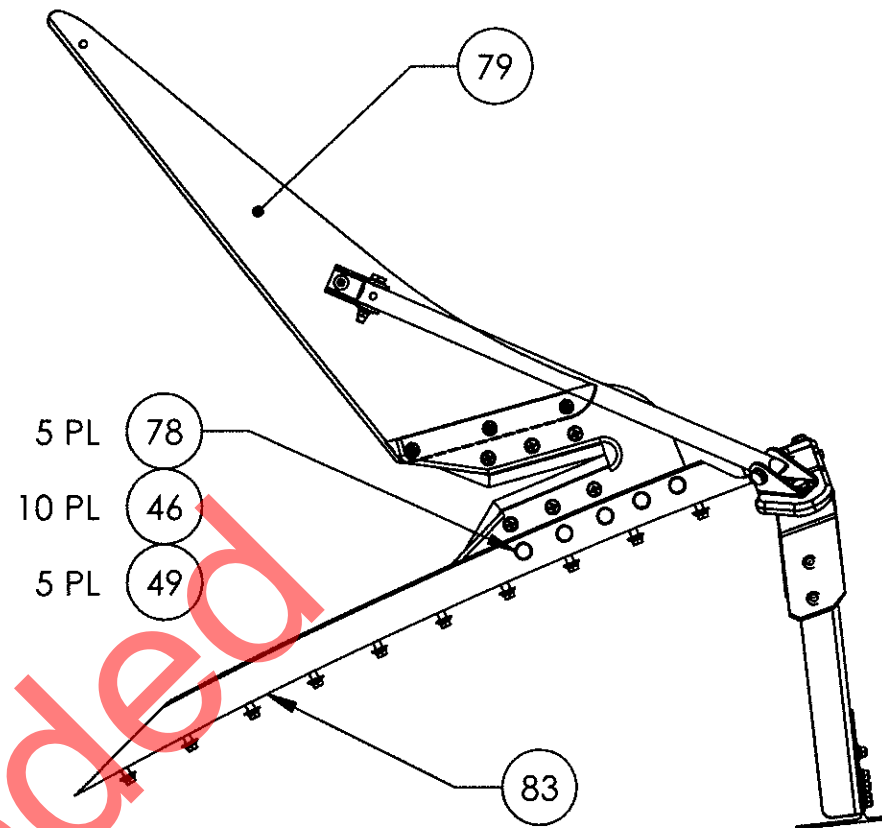
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DWG. NO. 647.1300		REV. D	
SCALE NONE		SHEET 9 OF 10	

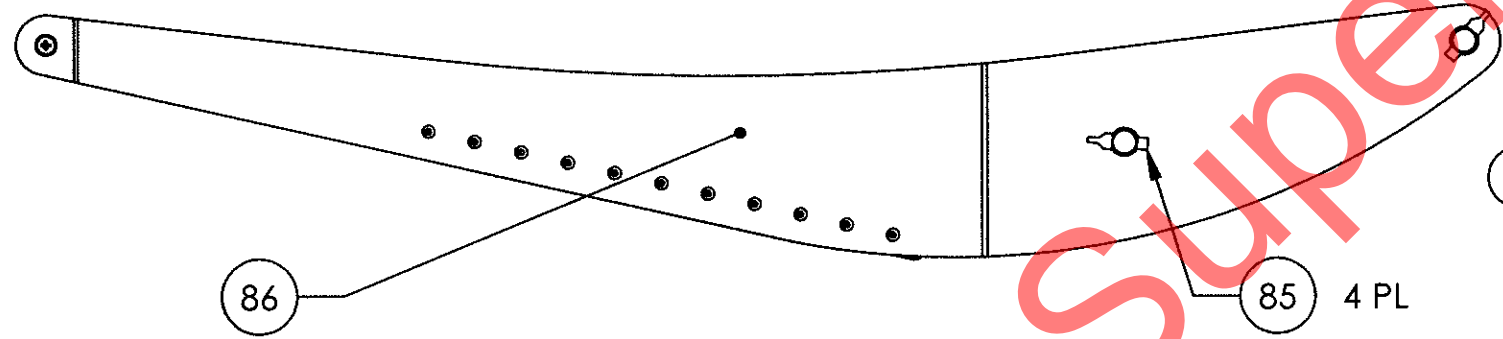
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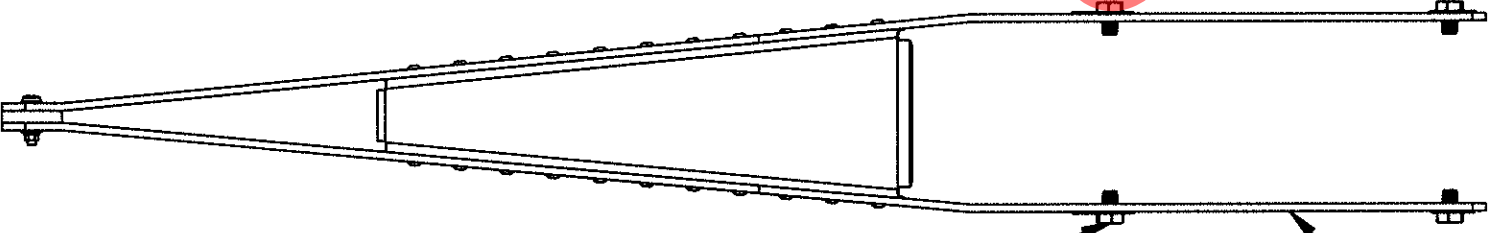
DETAIL A
WITH U CHANNEL $\frac{4}{B3}$



5 PL $\frac{78}{46}$
10 PL $\frac{46}{49}$
5 PL $\frac{49}{83}$

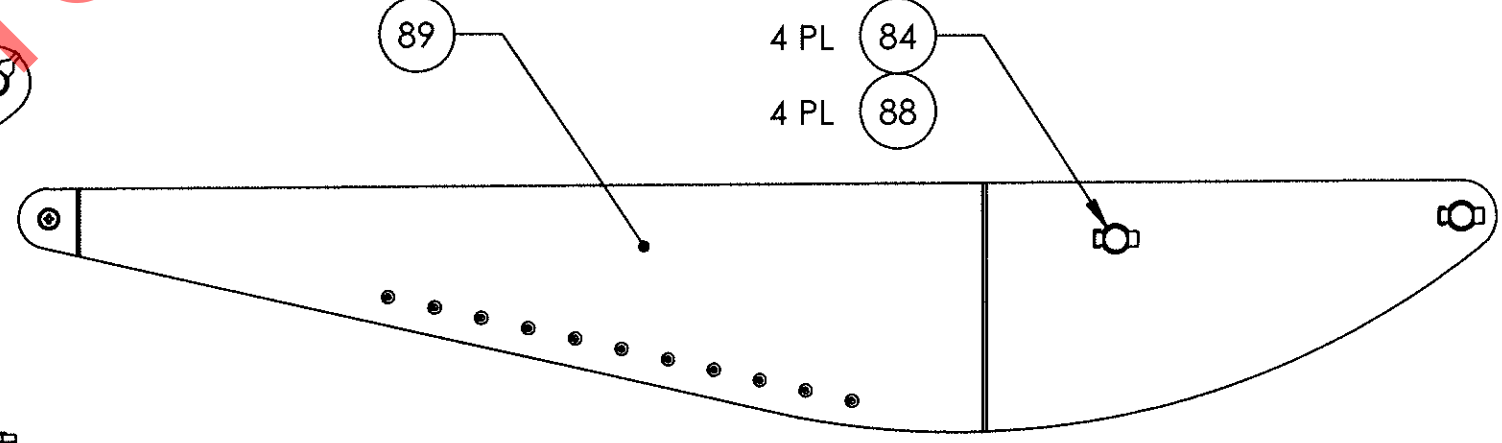


86 85 4 PL



4 PL $\frac{84}{D3}$

647.1702
DETAIL K
ALTERNATE CONFIGURATION
FOR P/N 647.1303



4 PL $\frac{84}{88}$
4 PL $\frac{88}{89}$

647.1703
DETAIL K
T2 CONFIGURATION

UNDER REVIEW
URF17-782 MB

ORIGINAL DATE (MO-DA-YR) 07/06/09		3030 ENTERPRISE CT., SUITE A VISTA, CA, 92081 (760)-724-5300	
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SCALE NONE		REV. D	
SHEET		10 OF 10	